

FILE 'HOME' ENTERED AT 09:36:46 ON 27 MAY 2004

=> file medline  
COST IN U.S. DOLLARS  
SINCE FILE TOTAL

ENTRY	SESSION
FULL ESTIMATED COST	
0.42	0.42

FILE 'MEDLINE' ENTERED AT 09:37:44 ON 27 MAY  
2004

FILE LAST UPDATED: 26 MAY 2004 (20040526/UP).  
FILE COVERS 1951 TO DATE.

```
=> s cyclic nucleotide
      130726 CYCLIC
      111215 NUCLEOTIDE
L1      9781 CYCLIC NUCLEOTIDE
                  (CYCLIC(W)NUCLEOTIDE)
```

```
=> s 11(2a)channel#
          147038 CHANNEL#
L2          601 L1(2A)CHANNEL#
```

=> s 12 (p) receptor#  
645658 RECEPTOR#  
L3 118 L2 (P) RECEPTOR#

=> d 1-118 ti so

L3 ANSWER 1 OF 118 MEDLINE on STN  
TI Extensive duplications of  
phototransduction genes in early vertebrate  
evolution correlate with block  
(chromosome) duplications.  
SO Genomics, (2004 May) 83 (5) 852-72.  
Journal code: 8800135. ISSN: 0888-7543.

L3 ANSWER 2 OF 118 MEDLINE on STN  
TI Expression of connexin36 in cone pedicles  
and OFF-cone bipolar cells of  
the mouse retina.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2004 Mar 31) 24 (13) 3325-  
34.  
Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 3 OF 118 MEDLINE on STN  
TI Second messenger cascade of glial  
responses evoked by interneuron activity  
and by a myomodulin peptide in the leech  
central nervous system.  
SO European journal of neuroscience, (2004  
Feb) 19 (4) 983-92.  
Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 4 OF 118 MEDLINE on STN  
TI Pacemaker channels and sinus node  
arrhythmia.  
SO Trends in cardiovascular medicine, (2004  
Jan) 14 (1) 23-8. Ref: 38  
Journal code: 9108337 ISSN: 1050-1720

L3 ANSWER 5 OF 118 MEDLINE or CTN

## TI Characterization of recombinant and native $I_h$ -channels from *Apis mellifera*.

SO Insect biochemistry and molecular  
biology, (2003 Nov) 33 (11) 1123-34.  
Journal code: 9207282. ISSN: 0965-1748.

L3 ANSWER 6 OF 118 MEDLINE on STN  
TI High-throughput real-time monitoring of  
G(s)-coupled \*\*\*receptor\*\*\*  
activation in intact cells using  
\*\*\*cyclic\*\*\* \*\*\*nucleotide\*\*\*  
-gated \*\*\*channels\*\*\* .  
SO European journal of pharmacology, (2003  
Sep 30) 478 (1) 27-34.  
Journal code: 1254354. ISSN: 0014-2999.

L3 ANSWER 7 OF 118 MEDLINE on STN  
TI The Ca-activated Cl channel and its  
control in rat olfactory receptor  
neurons.  
SO Journal of general physiology, (2003 Sep)  
122 (3) 349-63.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 8 OF 118 MEDLINE on STN  
TI Activation of purinergic receptor  
subtypes modulates odor sensitivity.  
SO Journal of neuroscience : official  
journal of the Society for  
Neuroscience, (2003 Sep 10) 23 (23) 8291-  
301.  
Journal code: 8102140 ISSN: 1528-3401

L3 ANSWER 9 OF 118 MEDLINE on STN  
TI Presence of  $\text{Ca}^{2+}$ -dependent  $\text{K}^+$  channels in chemosensory cilia support a role in odor transduction.  
SO Journal of neurophysiology, (2003 Sep) 90 (3) 2022-8.  
Journal code: 0375404, ISSN: 0022-3077

L3 ANSWER 10 OF 118 MEDLINE on STN  
TI Calcium, the two-faced messenger of  
olfactory transduction and adaptation.  
SO Current opinion in neurobiology, (2003  
Aug) 13 (4) 469-75. Ref: 49  
Journal code: 9111376 ISSN: 0959-4388

L3 ANSWER 11 OF 118 MEDLINE on STN  
TI Functionally important calmodulin-binding  
sites in both NH<sub>2</sub>- and  
COOH-terminal regions of the cone  
photoreceptor cyclic nucleotide-gated  
channel CNGB3 subunit.  
SO Journal of biological chemistry, (2003  
Jul 4) 278 (27) 24617-23.  
Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 12 OF 118 MEDLINE on STN  
TI Search for new cyclic AMP-binding  
proteins.  
SO FEBS letters, (2003 Jul 3) 546 (1) 103-7.  
Ref: 33  
Journal code: 0155157 ISSN: 0014-5793

L3 ANSWER 13 OF 118 MEDLINE on STN  
TI Contribution of \*\*\*cyclic\*\*\* -  
\*\*\*nucleotide\*\*\* -gated  
          \*\*\*channels\*\*\* to the resting  
conductance of olfactory \*\*\*receptor\*\*\*

neurons.  
 SO Biophysical journal, (2003 May) 84 (5) 3425-35.  
 Journal code: 0370626. ISSN: 0006-3495.

L3 ANSWER 14 OF 118 MEDLINE on STN  
 TI Vasoactive intestinal polypeptide and pituitary adenylate cyclase-activating polypeptide activate hyperpolarization-activated cationic current and depolarize thalamocortical neurons in vitro.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (2003 Apr 1) 23 (7) 2751-8.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 15 OF 118 MEDLINE on STN  
 TI Functional roles of loops 3 and 4 in the cyclic nucleotide binding domain of cyclic AMP receptor protein from Escherichia coli.  
 SO Journal of biological chemistry, (2003 Apr 11) 278 (15) 13235-43.  
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 16 OF 118 MEDLINE on STN  
 TI Intracellular calcium measurements of single human skin cells after stimulation with corticotropin-releasing factor and urocortin using confocal laser scanning microscopy.  
 SO Journal of cell science, (2003 Apr 1) 116 (Pt 7) 1261-8.  
 Journal code: 0052457. ISSN: 0021-9533.

L3 ANSWER 17 OF 118 MEDLINE on STN  
 TI Presynaptic cyclic nucleotide-gated ion channels modulate neurotransmission in the mammalian olfactory bulb.  
 SO Neuron, (2003 Feb 20) 37 (4) 639-47.  
 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 18 OF 118 MEDLINE on STN  
 TI Tuning outer segment Ca<sup>2+</sup> homeostasis to phototransduction in rods and cones.  
 SO Advances in experimental medicine and biology, (2002) 514 179-203. Ref: 82  
 Journal code: 0121103. ISSN: 0065-2598.

L3 ANSWER 19 OF 118 MEDLINE on STN  
 TI The C. elegans che-1 gene encodes a zinc finger transcription factor required for specification of the ASE chemosensory neurons.  
 SO Development (Cambridge, England), (2003 Apr) 130 (7) 1215-24.  
 Journal code: 8701744. ISSN: 0950-1991.

L3 ANSWER 20 OF 118 MEDLINE on STN  
 TI Oscillatory current responses of olfactory receptor neurons to odorants and computer simulation based on a cyclic AMP transduction model.  
 SO Chemical senses, (2002 Nov) 27 (9) 789-801.  
 Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 21 OF 118 MEDLINE on STN  
 TI Dual effects of spinally delivered 8-bromo-cyclic guanosine mono-phosphate (8-bromo-cGMP) in formalin-induced nociception in rats.  
 SO Neuroscience letters, (2002 Oct 31) 332 (2) 146-50.  
 Journal code: 7600130. ISSN: 0304-3940.

L3 ANSWER 22 OF 118 MEDLINE on STN  
 TI Genes for calcium-permeable channels in the plasma membrane of plant root cells.  
 SO Biochimica et biophysica acta, (2002 Aug 31) 1564 (2) 299-309. Ref: 101  
 Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 23 OF 118 MEDLINE on STN  
 TI Channel modulators affect PGE(2) binding to bovine aortic endothelial cells.  
 SO Biochimica et biophysica acta, (2002 Mar 15) 1570 (2) 113-20.  
 Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 24 OF 118 MEDLINE on STN  
 TI The 5-HT(4) receptor-induced depolarization in rat hippocampal neurons is mediated by cAMP but is independent of I(h).  
 SO Neuroscience letters, (2002 May 10) 324 (1) 1-4.  
 Journal code: 7600130. ISSN: 0304-3940.

L3 ANSWER 25 OF 118 MEDLINE on STN  
 TI Cation channels in the Arabidopsis plasma membrane.  
 SO Trends in plant science, (2002 Apr) 7 (4) 168-75. Ref: 66  
 Journal code: 9890299. ISSN: 1360-1385.

L3 ANSWER 26 OF 118 MEDLINE on STN  
 TI The 5-hydroxytryptamine(4a) receptor is palmitoylated at two different sites, and acylation is critically involved in regulation of receptor constitutive activity.  
 SO Journal of biological chemistry, (2002 Jan 25) 277 (4) 2534-46.  
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 27 OF 118 MEDLINE on STN  
 TI Central role of the CNGA4 channel subunit in Ca<sup>2+</sup>-calmodulin-dependent odor adaptation.  
 SO Science, (2001 Dec 7) 294 (5549) 2172-5.  
 Journal code: 0404511. ISSN: 0036-8075.

L3 ANSWER 28 OF 118 MEDLINE on STN  
 TI Facilitation of calmodulin-mediated odor adaptation by cAMP-gated channel subunits.  
 SO Science, (2001 Dec 7) 294 (5549) 2176-8.  
 Journal code: 0404511. ISSN: 0036-8075.

L3 ANSWER 29 OF 118 MEDLINE on STN  
 TI The complex and intriguing lives of PIP2 with ion channels and transporters.  
 SO Science's STKE [electronic resource] : signal transduction knowledge

environment, (2001 Dec 4) 2001 (111)  
 RE19. Ref: 116  
 Journal code: 100964423. ISSN: 1525-8882.

L3 ANSWER 30 OF 118 MEDLINE on STN  
 TI Cyclic nucleotide-gated channels contribute to the cholinergic plateau potential in hippocampal CA1 pyramidal neurons.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (2001 Nov 15) 21 (22) 8707-14.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 31 OF 118 MEDLINE on STN  
 TI Phosphorylation of voltage-gated ion channels in rat olfactory receptor neurons.  
 SO European journal of neuroscience, (2001 Oct) 14 (7) 1056-64.  
 Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 32 OF 118 MEDLINE on STN  
 TI Hyperpolarization-activated channels HCN1 and HCN4 mediate responses to sour stimuli.  
 SO Nature, (2001 Oct 11) 413 (6856) 631-5.  
 Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 33 OF 118 MEDLINE on STN  
 TI The hyperpolarization-activated current If in ventricular myocytes of non-transgenic and beta<sub>2</sub>-adrenoceptor overexpressing mice.  
 SO Naunyn-Schmiedeberg's archives of pharmacology, (2001 Aug) 364 (2) 131-9.  
 Journal code: 0326264. ISSN: 0028-1298.

L3 ANSWER 34 OF 118 MEDLINE on STN  
 TI Developmentally regulated expression of a cyclic nucleotide-gated ion channel from Arabidopsis indicates its involvement in programmed cell death.  
 SO Planta, (2001 Jul) 213 (3) 327-32.  
 Journal code: 1250576. ISSN: 0032-0935.

L3 ANSWER 35 OF 118 MEDLINE on STN  
 TI Anomalous mole-fraction effects in recombinant and native \*\*\*cyclic\*\*\* \*\*\*nucleotide\*\*\* -gated \*\*\*channels\*\*\* in rat olfactory \*\*\*receptor\*\*\* neurons.  
 SO Proceedings of the Royal Society of London. Series B. Biological sciences, (2001 Jul 7) 268 (1474) 1395-403.  
 Journal code: 7505889. ISSN: 0962-8452.

L3 ANSWER 36 OF 118 MEDLINE on STN  
 TI The Stoichiometry of Gbeta gamma binding to G-protein-regulated inwardly rectifying K<sup>+</sup> channels (GIRKs).  
 SO Journal of biological chemistry, (2001 Apr 6) 276 (14) 11409-13.  
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 37 OF 118 MEDLINE on STN  
 TI Concurrent expression of recombination activating genes 1 and 2 in zebrafish olfactory sensory neurons.

SO Genesis (New York, N.Y. : 2000), (2001 Apr) 29 (4) 156-62.  
 Journal code: 100931242. ISSN: 1526-954X.

L3 ANSWER 38 OF 118 MEDLINE on STN  
 TI Cardiac ion channel expression and contractile function in mice with deletion of thyroid hormone receptor alpha or beta.  
 SO Endocrinology, (2001 Feb) 142 (2) 544-50.  
 Journal code: 0375040. ISSN: 0013-7227.

L3 ANSWER 39 OF 118 MEDLINE on STN  
 TI Modeling of membrane excitability in gonadotropin-releasing hormone-secreting hypothalamic neurons regulated by Ca<sup>2+</sup>-mobilizing and adenylyl cyclase-coupled receptors.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (2000 Dec 15) 20 (24) 9290-7.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 40 OF 118 MEDLINE on STN  
 TI Genomic survey of cAMP and cGMP signalling components in the cyanobacterium *Synechocystis* PCC 6803.  
 SO Microbiology (Reading, England), (2000 Dec) 146 Pt 12 3183-94.  
 Journal code: 9430468. ISSN: 1350-0872.

L3 ANSWER 41 OF 118 MEDLINE on STN  
 TI Ion permeation and selectivity of wild-type recombinant rat CNG (rOCNC1) channels expressed in HEK293 cells.  
 SO Journal of membrane biology, (2000 Nov 15) 178 (2) 137-50.  
 Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 42 OF 118 MEDLINE on STN  
 TI Spontaneous gating of olfactory cyclic-nucleotide-gated channels.  
 SO Journal of membrane biology, (2000 Nov 178 (1) 49-54.  
 Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 43 OF 118 MEDLINE on STN  
 TI A cGMP-signaling pathway in a subset of olfactory sensory neurons.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (2000 Sep 12) 97 (19) 10595-600.  
 Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 44 OF 118 MEDLINE on STN  
 TI Cellular and molecular constituents of olfactory sensation in vertebrates.  
 SO Comparative biochemistry and physiology. Part A, Molecular & integrative physiology, (2000 May) 126 (1) 17-32.  
 Ref: 132  
 Journal code: 9806096. ISSN: 1095-6433.

L3 ANSWER 45 OF 118 MEDLINE on STN  
 TI Guanylyl cyclases as a family of putative odorant receptors.  
 SO Annual review of neuroscience, (2000) 23 417-39. Ref: 164  
 Journal code: 7804039. ISSN: 0147-006X.

L3 ANSWER 46 OF 118 MEDLINE on STN  
 TI The cellular and molecular basis of odor adaptation.  
 SO Chemical senses, (2000 Aug) 25 (4) 473-  
 81. Ref: 61  
 Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 47 OF 118 MEDLINE on STN  
 TI Interactions of cyclic nucleotide-gated channel subunits and protein tyrosine kinase probed with genistein.  
 SO Journal of general physiology, (2000 Jun) 115 (6) 685-96.  
 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 48 OF 118 MEDLINE on STN  
 TI Isolation and in vitro differentiation of conditionally immortalized murine olfactory receptor neurons.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (2000 May 15) 20 (10) 3695-704.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 49 OF 118 MEDLINE on STN  
 TI Peripheral olfactory projections are differentially affected in mice deficient in a cyclic nucleotide-gated channel subunit.  
 SO Neuron, (2000 Apr) 26 (1) 81-91.  
 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 50 OF 118 MEDLINE on STN  
 TI Formation of precise connections in the olfactory bulb occurs in the absence of odorant-evoked neuronal activity.  
 SO Neuron, (2000 Apr) 26 (1) 69-80.  
 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 51 OF 118 MEDLINE on STN  
 TI Structural basis for ligand selectivity of heteromeric olfactory cyclic nucleotide-gated channels.  
 SO Biophysical journal, (2000 May) 78 (5) 2307-20.  
 Journal code: 0370626. ISSN: 0006-3495.

L3 ANSWER 52 OF 118 MEDLINE on STN  
 TI Cyclic GMP evoked calcium transients in olfactory receptor cell growth cones.  
 SO Neuroreport, (2000 Mar 20) 11 (4) 677-81.  
 Journal code: 9100935. ISSN: 0959-4965.

L3 ANSWER 53 OF 118 MEDLINE on STN  
 TI From worm to man: three subfamilies of TRP channels.  
 SO Trends in neurosciences, (2000 Apr) 23 (4) 159-66. Ref: 66  
 Journal code: 7808616. ISSN: 0166-2236.

L3 ANSWER 54 OF 118 MEDLINE on STN  
 TI Genetics of chemotaxis and thermotaxis in the nematode *Caenorhabditis elegans*.  
 SO Annual review of genetics, (1999) 33 399-422. Ref: 96  
 Journal code: 0117605. ISSN: 0066-4197.

L3 ANSWER 55 OF 118 MEDLINE on STN  
 TI Localization of the olfactory cyclic nucleotide-gated channel subunit 1 in normal, embryonic and regenerating olfactory epithelium.  
 SO Neuroscience, (1999) 94 (1) 131-40.  
 Journal code: 7605074. ISSN: 0306-4522.

L3 ANSWER 56 OF 118 MEDLINE on STN  
 TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\* - gated \*\*\*channel\*\*\* activation is not required for activity-dependent labeling of zebrafish olfactory \*\*\*receptor\*\*\* neurons by amino acids.  
 SO Biological signals and receptors, (1999 Nov-Dec) 8 (6) 338-47.  
 Journal code: 9808792. ISSN: 1422-4933.

L3 ANSWER 57 OF 118 MEDLINE on STN  
 TI Characterization of a plasma membrane calcium oscillator in rat pituitary somatotrophs.  
 SO Journal of biological chemistry, (1999 Dec 10) 274 (50) 35693-702.  
 Journal code: 2985121R. ISSN: 0021-9258.

L3 ANSWER 58 OF 118 MEDLINE on STN  
 TI Serotonin regulation of neurite outgrowth in identified neurons from mature and embryonic *Helisoma trivolvis*.  
 SO Perspectives on developmental neurobiology, (1998) 5 (4) 373-87. Ref: 98  
 Journal code: 9417971. ISSN: 1064-0517.

L3 ANSWER 59 OF 118 MEDLINE on STN  
 TI Targeted deletion of a cyclic nucleotide-gated channel subunit (OCNC1): biochemical and morphological consequences in adult mice.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1999 Nov 1) 19 (21) 9313-21.  
 Journal code: 8102140. ISSN: 1529-2401.

L3 ANSWER 60 OF 118 MEDLINE on STN  
 TI Identification of NFI-binding sites and cloning of NFI-cDNAs suggest a regulatory role for NFI transcription factors in olfactory neuron gene expression.  
 SO Brain research. Molecular brain research, (1999 Sep 8) 72 (1) 65-79.  
 Journal code: 8908640. ISSN: 0169-328X.

L3 ANSWER 61 OF 118 MEDLINE on STN  
 TI Olfactory receptor neurons exist as distinct subclasses of immature and mature cells in primary culture.  
 SO Neuroscience, (1999) 93 (4) 1301-12.  
 Journal code: 7605074. ISSN: 0306-4522.

L3 ANSWER 62 OF 118 MEDLINE on STN  
 TI Odorants suppress a voltage-activated K<sup>+</sup> conductance in rat olfactory neurons.  
 SO Journal of neurophysiology, (1999 Jul) 82 (1) 226-36.  
 Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 63 OF 118 MEDLINE on STN  
 TI Dual pharmacological properties of a cyclic AMP-sensitive potassium channel.  
 SO Journal of pharmacology and experimental therapeutics, (1999 Jul) 290 (1) 266-75.  
 Journal code: 0376362. ISSN: 0022-3565.

L3 ANSWER 64 OF 118 MEDLINE on STN  
 TI Both external and internal calcium reduce the sensitivity of the olfactory cyclic-nucleotide-gated channel to CAMP.  
 SO Journal of neurophysiology, (1999 Jun) 81 (6) 2675-82.  
 Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 65 OF 118 MEDLINE on STN  
 TI TRP2: a candidate transduction channel for mammalian pheromone sensory signaling.  
 SO Proceedings of the National Academy of Sciences of the United States of America, (1999 May 11) 96 (10) 5791-6.  
 Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 66 OF 118 MEDLINE on STN  
 TI Widespread expression of olfactory cyclic nucleotide-gated channel genes in rat brain: implications for neuronal signalling.  
 SO Synapse (New York, N.Y.), (1999 Apr) 32 (1) 1-12.  
 Journal code: 8806914. ISSN: 0887-4476.

L3 ANSWER 67 OF 118 MEDLINE on STN  
 TI Blockade of a retinal cGMP-gated channel by polyamines.  
 SO Journal of general physiology, (1999 Jan) 113 (1) 35-43.  
 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 68 OF 118 MEDLINE on STN  
 TI Molecular cloning of cDNA encoding the alpha unit of CNGC gene from human fetal heart.  
 SO Life sciences, (1998) 63 (17) 1555-62.  
 Journal code: 0375521. ISSN: 0024-3205.

L3 ANSWER 69 OF 118 MEDLINE on STN  
 TI Cyclic nucleotide-gated channels--mediators of NO:cGMP-regulated processes.  
 SO Naunyn-Schmiedeberg's archives of pharmacology, (1998 Jul) 358 (1) 140-4.  
 Ref: 58  
 Journal code: 0326264. ISSN: 0028-1298.

L3 ANSWER 70 OF 118 MEDLINE on STN  
 TI Imaging odor-induced calcium transients in single olfactory cilia: specificity of activation and role in transduction.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Aug 1) 18 (15) 5630-9.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 71 OF 118 MEDLINE on STN  
 TI The K<sup>+</sup> channel gene ether a go-go is required for the transduction of a subset of odorants in adult *Drosophila melanogaster*.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Aug 1) 18 (15) 5603-13.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 72 OF 118 MEDLINE on STN  
 TI The functional significance of multimerization in ion channels.  
 SO Current opinion in structural biology, (1998 Apr) 8 (2) 186-8. Ref: 8  
 Journal code: 9107784. ISSN: 0959-440X.

L3 ANSWER 73 OF 118 MEDLINE on STN  
 TI Regulation of cGMP-dependent current in On bipolar cells by calcium/calmodulin-dependent kinase.  
 SO Visual neuroscience, (1998 Mar-Apr) 15 (2) 257-61.  
 Journal code: 8809466. ISSN: 0952-5238.

L3 ANSWER 74 OF 118 MEDLINE on STN  
 TI Gustducin and its role in taste.  
 SO Journal of dental research, (1998 Apr) 77 (4) 539-44. Ref: 36  
 Journal code: 0354343. ISSN: 0022-0345.

L3 ANSWER 75 OF 118 MEDLINE on STN  
 TI The olfactory adenylyl cyclase type 3 is expressed in male germ cells.  
 SO FEBS letters, (1998 Mar 13) 424 (3) 216-20.  
 Journal code: 0155157. ISSN: 0014-5793.

L3 ANSWER 76 OF 118 MEDLINE on STN  
 TI Molecular neurogenetics of chemotaxis and thermotaxis in the nematode *Caenorhabditis elegans*.  
 SO BioEssays : news and reviews in molecular, cellular and developmental biology, (1997 Dec) 19 (12) 1055-64.  
 Ref: 72  
 Journal code: 8510851. ISSN: 0265-9247.

L3 ANSWER 77 OF 118 MEDLINE on STN  
 TI Phosphorylation of mammalian olfactory cyclic nucleotide-gated channels increases ligand sensitivity.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1998 Jan 1) 18 (1) 164-73.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 78 OF 118 MEDLINE on STN  
 TI OSM-9, a novel protein with structural similarity to channels, is required for olfaction, mechanosensation, and olfactory adaptation in *Caenorhabditis elegans*.  
 SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Nov 1) 17 (21) 8259-69.  
 Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 79 OF 118 MEDLINE on STN

TI Concentration dependence of sodium permeation and sodium ion interactions in the cyclic AMP-gated channels of mammalian olfactory receptor neurons.  
SO Journal of membrane biology, (1997 Sep 1) 159 (1) 41-52.  
Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 80 OF 118 MEDLINE on STN  
TI Mechanisms of modulation by internal protons of \*\*\*cyclic\*\*\*-gated \*\*\*nucleotide\*\*\*-gated \*\*\*channels\*\*\* cloned from sensory \*\*\*receptor\*\*\* cells.  
SO Proceedings of the Royal Society of London. Series B. Biological sciences, (1997 Aug 22) 264 (1385) 1157-65.  
Journal code: 7505889. ISSN: 0962-8452.

L3 ANSWER 81 OF 118 MEDLINE on STN  
TI Cyclic GMP-gated channels in a sympathetic neuron cell line.  
SO Journal of general physiology, (1997 Aug) 110 (2) 155-64.  
Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 82 OF 118 MEDLINE on STN  
TI Ultrastructural aspects of olfactory signaling.  
SO Chemical senses, (1997 Jun) 22 (3) 295-311. Ref: 128  
Journal code: 8217190. ISSN: 0379-864X.

L3 ANSWER 83 OF 118 MEDLINE on STN  
TI Calcium entry through \*\*\*cyclic\*\*\*-gated \*\*\*nucleotide\*\*\*-gated \*\*\*channels\*\*\* in individual cilia of olfactory \*\*\*receptor\*\*\* cells: spatiotemporal dynamics.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Jun 1) 17 (11) 4136-48.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 84 OF 118 MEDLINE on STN  
TI Identification of a long-lasting form of odor adaptation that depends on the carbon Monoxide/cGMP second-messenger system.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Apr 15) 17 (8) 2703-12.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 85 OF 118 MEDLINE on STN  
TI Functional expression of the heteromeric "olfactory" cyclic nucleotide-gated channel in the hippocampus: a potential effector of synaptic plasticity in brain neurons.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1997 Mar 15) 17 (6) 1993-2005.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 86 OF 118 MEDLINE on STN  
TI Regulation of \*\*\*cyclic\*\*\*-gated \*\*\*nucleotide\*\*\*-gated \*\*\*channels\*\*\*

and membrane excitability in olfactory \*\*\*receptor\*\*\* cells by carbon monoxide.  
SO Journal of neurophysiology, (1995 Oct) 74 (4) 1498-508.  
Journal code: 0375404. ISSN: 0022-3077.  
(Investigators: Shepherd G M, Yale U, New Haven, CT)

L3 ANSWER 87 OF 118 MEDLINE on STN  
TI Two alternatively spliced forms of the cGMP-gated channel alpha-subunit from cone photoreceptor are expressed in the chick pineal organ.  
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1996 Dec 1) 16 (23) 7458-68.  
Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 88 OF 118 MEDLINE on STN  
TI \*\*\*Cyclic\*\*\* \*\*\*nucleotide\*\*\*-gated \*\*\*channels\*\*\* in identified human olfactory \*\*\*receptor\*\*\* neurons.  
SO European journal of neuroscience, (1996 Oct) 8 (10) 2080-9.  
Journal code: 8918110. ISSN: 0953-816X.

L3 ANSWER 89 OF 118 MEDLINE on STN  
TI A putative cyclic nucleotide-gated channel is required for sensory development and function in *C. elegans*.  
SO Neuron, (1996 Oct) 17 (4) 695-706.  
Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 90 OF 118 MEDLINE on STN  
TI Rat hippocampal neurons express genes for both rod retinal and olfactory cyclic nucleotide-gated channels: novel targets for cAMP/cGMP function.  
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 Sep 17) 93 (19) 10440-5.  
Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 91 OF 118 MEDLINE on STN  
TI Block of \*\*\*cyclic\*\*\*-gated \*\*\*channels\*\*\* in salamander olfactory \*\*\*receptor\*\*\* neurons by the guanylyl cyclase inhibitor LY83583.  
SO Journal of neurophysiology, (1995 Dec) 74 (6) 2759-62.  
Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 92 OF 118 MEDLINE on STN  
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Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 93 OF 118 MEDLINE on STN  
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 Journal code: 7505889. ISSN: 0962-8452.  
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L3 ANSWER 94 OF 118 MEDLINE on STN  
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 Journal code: 9100935. ISSN: 0959-4965.  
 (Investigators: Shepherd G M, Yale U, New Haven, CT)

L3 ANSWER 95 OF 118 MEDLINE on STN  
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 SO Journal of membrane biology, (1995 Jul 146) 177-91.  
 Journal code: 0211301. ISSN: 0022-2631.

L3 ANSWER 96 OF 118 MEDLINE on STN  
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 SO Molecular pharmacology, (1995 May) 47 (5) 923-33.  
 Journal code: 0035623. ISSN: 0026-895X.

L3 ANSWER 97 OF 118 MEDLINE on STN  
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L3 ANSWER 98 OF 118 MEDLINE on STN  
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 SO Annual review of biophysics and biomolecular structure, (1994) 23 577-607.  
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L3 ANSWER 99 OF 118 MEDLINE on STN  
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L3 ANSWER 100 OF 118 MEDLINE on STN  
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 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 101 OF 118 MEDLINE on STN  
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 Journal code: 8809320. ISSN: 0896-6273.

L3 ANSWER 102 OF 118 MEDLINE on STN  
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 SO Nature, (1994 Apr 7) 368 (6471) 545-8.  
 Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 103 OF 118 MEDLINE on STN  
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 SO Journal of general physiology, (1993 Dec 102) (6) 1085-105.  
 Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 104 OF 118 MEDLINE on STN  
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 Journal code: 0410462. ISSN: 0028-0836.

L3 ANSWER 105 OF 118 MEDLINE on STN  
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 Journal code: 7505876. ISSN: 0027-8424.

L3 ANSWER 106 OF 118 MEDLINE on STN  
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 SO Biochimica et biophysica acta, (1993 Jul 25) 1150 (1) 63-72.  
 Journal code: 0217513. ISSN: 0006-3002.

L3 ANSWER 107 OF 118 MEDLINE on STN  
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 SO Journal of physiology, (1993 Mar) 462 175-96.  
 Journal code: 0266262. ISSN: 0022-3751.

L3 ANSWER 108 OF 118 MEDLINE on STN  
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 SO Journal of neurophysiology, (1993 May) 69 (5) 1758-68.  
 Journal code: 0375404. ISSN: 0022-3077.

L3 ANSWER 109 OF 118 MEDLINE on STN  
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 SO Critical reviews in neurobiology, (1993) 7 (1) 1-22. Ref: 132  
 Journal code: 8710803. ISSN: 0892-0915.

L3 ANSWER 110 OF 118 MEDLINE on STN  
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Journal code: 8809320. ISSN: 0896-6273.

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Journal code: 0155157. ISSN: 0014-5793.

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Journal code: 2985110R. ISSN: 0022-1295.

L3 ANSWER 113 OF 118 MEDLINE on STN  
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Journal code: 8102140. ISSN: 0270-6474.

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Journal code: 8102140. ISSN: 0270-6474.

L3 ANSWER 116 OF 118 MEDLINE on STN  
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SO Journal of steroid biochemistry and molecular biology, (1991 Oct) 39 (4B) 633-7. Ref: 12  
Journal code: 9015483. ISSN: 0960-0760.

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